

Message

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**From:** Dixon Monty USGR [monty.dixon@syngenta.com]  
**Sent:** 8/18/2015 3:44:57 PM  
**To:** Nguyen, Khue [Nguyen.Khue@epa.gov]; Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** RE: Request for study

Hi Khue,

Thanks of your message. Our team is working to get the proper format for US submission applied and we intend to submit in the next couple of days. I will email you and Jess and let you know when it is on the way.

With Best Regards,

Monty

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**From:** Nguyen, Khue [mailto:Nguyen.Khue@epa.gov]  
**Sent:** Monday, August 17, 2015 6:56 PM  
**To:** Rowland, Jess; Dixon Monty USGR  
**Subject:** RE: Request for study

Hi Monty,

You can submit the requested study to front end, and direct it to PRD with my contact info below.

Thanks,

Khue Nguyen  
Chemical Review Manager  
Risk Management and Implementation Branch 1  
Pesticide Re-evaluation Division  
Office of Pesticide Programs, EPA  
703-347-0248  
[Nguyen.khue@epa.gov](mailto:Nguyen.khue@epa.gov)

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**From:** Rowland, Jess  
**Sent:** Thursday, August 13, 2015 11:50 AM  
**To:** Dixon Monty USGR  
**Cc:** Nguyen, Khue  
**Subject:** RE: Request for study  
**Importance:** High

Hi Monty

This was one of the study reviewed by IARC and I would like to include this in our evaluation of the carcinogenic potential of glyphosate. So would very much appreciate if you submit this study for our review.

Thank you for your help.

Regards

Jess Rowland,

Deputy Director  
Health Effects Division  
703-308-2719

---

**From:** Dixon Monty USGR [<mailto:monty.dixon@syngenta.com>]

**Sent:** Thursday, August 13, 2015 11:04 AM

**To:** Rowland, Jess

**Subject:** Request for study

Good Morning Dr. Rowland,

It was nice speaking with you this morning. It is my understanding that EPA is requesting the following study and that this should be submitted through PRD.

- Brammer, A., 2001, "Glyphosate Acid: Two Year Dietary Toxicity And Oncogenicity Study In Rats", CTL Study PR1111

Can you please confirm that EPA is requesting this study from Syngenta and I will proceed with submission.

Please feel free to call or email me if I can provide further assistance.

With Best Regards,

Monty

**Montague (Monty) Dixon**

Senior Regulatory Product Manager

Syngenta

Office: 336.632.7055 Cell: 336.686.3586

[monty.dixon@syngenta.com](mailto:monty.dixon@syngenta.com)

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*This message may contain confidential information. If you are not the designated recipient, please notify the sender immediately, and delete the original and any copies. Any use of the message by you is prohibited.*

Message

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**From:** Jordan, William [Jordan.William@epa.gov]  
**Sent:** 4/3/2015 7:27:12 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]; Miller, David [Miller.DavidJ@epa.gov]; Sisco, Debby [Sisco.Debby@epa.gov]  
**Subject:** RE: Three follow up glyphosate questions NYT.

## Ex. 5 Deliberative Process (DP)

Bill

William Jordan  
Deputy Director, Programs  
Office of Pesticide Programs  
U. S. Environmental Protection Agency

Phone: 703-305-1049  
Fax: 703-308-4776

Mailing Address:	Courier Address:
USEPA Headquarters	Potomac Yards South
Clinton Building	2777 Crystal Drive
1200 Pennsylvania Ave., NW	Room 12-235
Mail Code (7501P)	Arlington, VA
Washington, DC 20460	

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**From:** Rowland, Jess  
**Sent:** Friday, April 03, 2015 3:16 PM  
**To:** Jordan, William; Miller, David; Sisco, Debby  
**Subject:** RE: Three follow up glyphosate questions NYT.

Hi Bill

## Ex. 5 Deliberative Process (DP)

JR

Sent from my Windows Phone

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**From:** Jordan, William  
**Sent:** 4/3/2015 7:28 AM  
**To:** Rowland, Jess; Miller, David; Sisco, Debby  
**Subject:** FW: Three follow up glyphosate questions NYT.

I would appreciate your help with answers to the questions below.

Thanks

Bill

Sent from my Windows Phone

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**From:** Milbourn, Cathy  
**Sent:** 4/2/2015 10:40 PM  
**To:** Jordan, William  
**Cc:** Hull, George; Daguillard, Robert  
**Subject:** Fwd: Three follow up glyphosate questions NYT.

Hi Bill:

I'm traveling to Ohio tomorrow for the weekend. I will try to monitor email, but George Hull and Robert Daguillard can step in if need be.

Cathy

Sent from my iPhone

Begin forwarded message:

**From:** Philip Boffey <[phboff@nytimes.com](mailto:phboff@nytimes.com)>  
**Date:** April 2, 2015 at 9:33:08 PM EDT  
**To:** "[jordan.william@epa.gov](mailto:jordan.william@epa.gov)" <[jordan.william@epa.gov](mailto:jordan.william@epa.gov)>  
**Cc:** Cathy Milbourn <[milbourn.cathy@epa.gov](mailto:milbourn.cathy@epa.gov)>  
**Subject:** **Three follow up glyphosate questions**

Hi Bill,

In looking more closely at the Lancet Oncology summary and a two-page IARC summary issued the same day (March 20), I see they say there is convincing evidence that glyphosate can cause cancer in laboratory animals as well as DNA or chromosomal damage in human and animal cells. One study of residents in several communities where glyphosate was sprayed found increases in blood markers for chromosomal damages.

1) Was EPA aware of these studies? Did you also conclude there was nothing in them that would change your 1991 conclusions, as you did with the 55 epidemiological studies?

2) Would I be out on a limb to declare on my own authority (not attributed to the agency) that it seems unlikely EPA will change its 1991 judgment that glyphosate is probably not a human carcinogen?

3) An editor asks whether overuse of glyphosate has led to widespread emergence of glyphosate-resistant weeds. Is that an issue that EPA considers in regulating pesticides?

An answer tomorrow morning would be greatly appreciated.

Phil Boffey

Sent from my iPad

Message

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**From:** Lobdell, Danelle [Lobdell.Danelle@epa.gov]  
**Sent:** 9/21/2015 6:57:57 PM  
**To:** Brunsman, Lori [Brunsman.Lori@epa.gov]; Wood, Charles [Wood.Charles@epa.gov]; Rowland, Jess [Rowland.Jess@epa.gov]; OPP HED CARC [OPP\_HED\_CARC@epa.gov]  
**Subject:** RE: Glyphosate- Classification Narrative

They recently have changed the name of Hodgkin's lymphoma to Hodgkin Lymphoma... taking out the apostrophe s. See:  
<http://www.cancer.gov/types/lymphoma>

**Danelle T. Lobdell, Ph.D., M.S.**

Epidemiologist  
National Health and Environmental Effects Research Laboratory  
Environmental Public Health Division

**Mail:**

USEPA  
MD 58A  
Research Triangle Park, NC 27711

**Package Delivery:**

USEPA Human Studies Facility  
104 Mason Farm Rd, Room 52  
Chapel Hill, NC 27514-4512  
Phone: 919-843-4434 Fax: 919-966-7584

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**From:** Brunsman, Lori  
**Sent:** Monday, September 21, 2015 2:24 PM  
**To:** Wood, Charles; Rowland, Jess; OPP HED CARC; Lobdell, Danelle  
**Subject:** Re: Glyphosate- Classification Narrative

I agree with Charles, although I think "Hodgkin" lymphoma should be "Hodgkin's" with an apostrophe "s".

Have a great day!

Lori

\*\*\*\*\*

Lori Brunsman, Statistician and Project Officer  
Science Information Management Branch  
Health Effects Division  
Office of Pesticide Programs  
Office of Chemical Safety and Pollution Prevention  
Environmental Protection Agency  
One Potomac Yard S-10934  
[brunsman.lori@epa.gov](mailto:brunsman.lori@epa.gov)

703-308-2902

"When you have more than you need, build a longer table, not a higher fence."

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**From:** Wood, Charles  
**Sent:** Monday, September 21, 2015 1:58 PM  
**To:** Rowland, Jess; OPP HED CARC; Lobdell, Danelle  
**Subject:** RE: Glyphosate- Classification Narrative

Jess et al,

See edits/suggestions below in red. I borrowed several changes from others.

--Charles

---

**From:** Rowland, Jess

**Sent:** Monday, September 21, 2015 12:24 PM

**To:** OPP HED CARC; Lobdell, Danelle

**Subject:** Glyphosate- Classification Narrative

**Importance:** High

Hello CARCeers

Here is the narrative that will go into the CARC document.

## **Ex. 5 Deliberative Process (DP)**

Thanks

JR

Jess Rowland,

Deputy Director

Health Effects Division

703-308-2719

## **Ex. 5 Deliberative Process (DP)**

Message

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**From:** Robbins, Steve [Robbins.Steve@epa.gov]  
**Sent:** 2/24/2015 8:10:52 PM  
**To:** Wakefield, Benjamin J. [wakefield.benjamin@epa.gov]; Knorr, Michele [knorr.michele@epa.gov]; Rowland, Jess [Rowland.Jess@epa.gov]  
**CC:** Smith, Charles [Smith.Charles@epa.gov]; Hartman, Mark [Hartman.Mark@epa.gov]; Vogel, Dana [Vogel.Dana@epa.gov]; May, Brenda [May.Brenda@epa.gov]; Goerke, Ariadne [Goerke.Ariadne@epa.gov]  
**Subject:** RE: MRIDs for Glyphosate and 2,4-D

Ben,  
Yep, no problem I will meet up with you sometime then. I am in S-6856. Where do you sit during the office hours?

Steve

---

**From:** Wakefield, Benjamin J.  
**Sent:** Tuesday, February 24, 2015 3:09 PM  
**To:** Robbins, Steve; Knorr, Michele; Rowland, Jess  
**Cc:** Smith, Charles; Hartman, Mark; Vogel, Dana; May, Brenda; Goerke, Ariadne  
**Subject:** RE: MRIDs for Glyphosate and 2,4-D

Hi Steve.

I'll be doing BPPD and RD office hours from 11:00 to 1:00 on Thursday – can you please let me know if I can pick up the CDs during that time, and if so, where?

Thanks!

- Ben

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Benjamin J. Wakefield  
U.S. Environmental Protection Agency  
Office of General Counsel, Pesticides & Toxic Substances Law Office  
1200 Pennsylvania Ave., N.W., Mail Code 2333A  
Washington, D.C. 20460  
Tel: 202-564-3186  
Fax: 202-564-5531  
[wakefield.benjamin@epa.gov](mailto:wakefield.benjamin@epa.gov)

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**From:** Robbins, Steve  
**Sent:** Tuesday, February 24, 2015 12:19 PM  
**To:** Knorr, Michele; Rowland, Jess  
**Cc:** Smith, Charles; Hartman, Mark; Vogel, Dana; May, Brenda; Wakefield, Benjamin J.; Goerke, Ariadne  
**Subject:** RE: MRIDs for Glyphosate and 2,4-D

Michele,

Not sure it is the same as the 'HED list', but I will be providing lists (from what HED provide me) for what is on each DVD.

Steve

---

**From:** Knorr, Michele

**Sent:** Tuesday, February 24, 2015 12:09 PM

**To:** Robbins, Steve; Rowland, Jess

**Cc:** Smith, Charles; Hartman, Mark; Vogel, Dana; May, Brenda; Wakefield, Benjamin J.; Goerke, Ariadne

**Subject:** Re: MRIDs for Glyphosate and 2,4-D

Thanks so much Steve. Ariadne or Ben (cc:d on this message) may be around OPP this week. Also, HED folks - will you be providing us a new list of all the studies on the discs so we can make sure what we have in the index matches these DVDs?

Michele Knorr  
Pesticides and Toxic Substances Law Office  
Office of General Counsel  
U.S. EPA  
202-564-5631

---

**From:** Robbins, Steve

**Sent:** Tuesday, February 24, 2015 12:04 PM

**To:** Rowland, Jess; Knorr, Michele

**Cc:** Smith, Charles; Hartman, Mark; Vogel, Dana; May, Brenda

**Subject:** MRIDs for Glyphosate and 2,4-D

Jess and Michele,

I have most of the MRIDs for Glyphosate and 2,4-D on 5 DVDs. Now we are still working on getting the 'older' MRIDs but these five DVDs should give you a good start. What is the best way to get these to you?

Steve

---

**From:** Rowland, Jess

**Sent:** Monday, February 09, 2015 2:35 PM

**To:** Robbins, Steve

**Cc:** Smith, Charles; Hartman, Mark; Vogel, Dana; May, Brenda

**Subject:** Glyphosate Blowbacks

**Importance:** High

Hi Steve,

As we discussed here is the list we need for Glyphosate

After much negotiations with OGG, we were able to reduce the number of documents requested for this chemical Attached is a list of MRID No. for PC Codes: 103608 and 417300

We need the blowbacks of these documents in CDs for delivery to OGC

I know some of these are real old documents, so can you please start with the new ones (MRID No. starting with the "4s" and work backwards, so that we can provide them to OGC to start their work



I will send u the 2,4-D list by Thursday

We have to get these to OGC by the end of this month

Thank for your help

JR  
Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719

Message

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**From:** May, Brenda [May.Brenda@epa.gov]  
**Sent:** 6/8/2015 1:25:38 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** RE: Woe

Okay - deal.

Sent from my Windows Phone

---

**From:** Rowland, Jess  
**Sent:** 6/8/2015 7:45 AM  
**To:** May, Brenda  
**Subject:** RE: Woe

## Ex. 5 Deliberative Process (DP)

JR  
Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719

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**From:** May, Brenda  
**Sent:** Monday, June 08, 2015 7:36 AM  
**To:** Rowland, Jess  
**Subject:** RE: Woe

I have:

Cyfluthrin  
EPTC  
Esfenvalerate  
Glyphosate  
Imidacloprid  
Metolachlor  
Oxamyl  
PCNB  
Permethrin  
Propargite

Sent from my Windows Phone

---

**From:** Rowland, Jess  
**Sent:** 6/7/2015 10:11 AM

**To:** May, Brenda

**Subject:** Woe

Hi

Can you please tell me what woes you have. Thanks

Sent from my Windows Phone

Message

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**From:** Kent, Ray [Kent.Ray@epa.gov]  
**Sent:** 9/21/2015 6:03:23 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** RE: Glyphosate- Classification Narrative

Hi Jess,

Looks good. A couple of typos only... In the second paragraph where you enumerate the studies do you want to include how many we had not previously evaluated?

ray

---

**From:** Rowland, Jess  
**Sent:** Monday, September 21, 2015 12:24 PM  
**To:** OPP HED CARC; Lobdell, Danelle  
**Subject:** Glyphosate- Classification Narrative  
**Importance:** High

Hello CARCeers

Here is the narrative that will go into the CARC document.

## Ex. 5 Deliberative Process (DP)

Thanks  
JR  
Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719

## Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

Message

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**From:** Kent, Ray [Kent.Ray@epa.gov]  
**Sent:** 4/19/2014 2:47:01 AM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** RE: Literature search results for 5 chemicals  
**Attachments:** Literature search for Glyphosate ray.docx

Jess,

Attached is glyphosate. Atrazine should be done early next week.

Ray

---

**From:** Rowland, Jess  
**Sent:** Friday, April 11, 2014 8:04 AM  
**To:** Kent, Ray  
**Subject:** Re: Literature search results for 5 chemicals

End of next week

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**From:** Kent, Ray  
**Sent:** Friday, April 11, 2014 7:16:02 AM  
**To:** Rowland, Jess; Greg Akerman  
**Subject:** RE: Literature search results for 5 chemicals

Jess,

How soon do you need the review?

Ray

---

**From:** Rowland, Jess  
**Sent:** Thursday, April 10, 2014 8:47 PM  
**To:** Kent, Ray; Greg Akerman  
**Subject:** Fw: Literature search results for 5 chemicals

Raymond  
Can u help us weed please with ATZ and glyphoste  
TxS  
JR

---

**From:** Akerman, Gregory  
**Sent:** Thursday, April 10, 2014 12:24:20 PM  
**To:** Rowland, Jess  
**Subject:** FW: Literature search results for 5 chemicals

Jess-- do you think Ray would do this for us?

---

**From:** Kelly Luck [mailto:kluck@css-dynamac.com]  
**Sent:** Thursday, April 10, 2014 12:23 PM

**To:** Rowland, Jess  
**Cc:** Jay Early; Akerman, Gregory  
**Subject:** FW: Literature search results for 5 chemicals

Hi Jess:

This is just a gentle reminder that for two of the literature searches that we submitted previously (under TA 4-4-2013), we still need review from EPA staff of our recommendations, as each of these chemicals (atrazine and glyphosate) has more than 10 potentially relevant articles. The literature searches are attached for your convenience. We'd like you to look over the citations for these chemicals for your concurrence on which articles should be acquired for review.

Thanks.

Kelly  
[kluck@css-dynamac.com](mailto:kluck@css-dynamac.com)  
Office: (906) 487-9450

---

**From:** Kelly Luck  
**Sent:** Monday, February 03, 2014 4:23 PM  
**To:** Jess Rowland ([Rowland.Jess@epa.gov](mailto:Rowland.Jess@epa.gov)); Lori Brunsman ([Brunsman.Lori@epa.gov](mailto:Brunsman.Lori@epa.gov))  
**Cc:** Jay Early; Greg Akerman ([Akerman.Gregory@epa.gov](mailto:Akerman.Gregory@epa.gov))  
**Subject:** Literature search results for 5 chemicals

Jess,

We have previously transmitted the literature search results for 47 of the 52 List 1 chemicals to you (in three emails on Oct. 24, 2013 and two emails on Dec. 4, 2013). Today, I am sending the search results from the last 5 of the List 1 chemicals. I'm also attaching a spreadsheet summarizing the Literature Search results, which shows the possible number of relevant citations for each chemical. We've identified 328 articles that may be relevant to the List 1 chemicals, although the number of articles that will actually need to be reviewed will be considerably lower, probably in the 200-250 range. As reported previously, we've noted that some of the articles were already discussed in the EDRT reports, and we may decide not to review other articles once we have a chance to look over the entire article; in addition, a number of articles contain data for more than one List 1 chemical and therefore appear in the literature search results for more than one chemical.

For these literature search results, two chemicals require review from EPA staff, as each of these chemicals has more than 10 potentially relevant articles: atrazine (78) and glyphosate (17). We'd like you to look over the citations for these chemicals for your concurrence on which articles should be acquired for review.

Kelly Luck  
[kluck@css-dynamac.com](mailto:kluck@css-dynamac.com)  
Office: (906) 487-9450

Message

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**From:** Smith, Charles [Smith.Charles@epa.gov]  
**Sent:** 7/3/2014 9:41:37 AM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]; VanAlstine, Julie [VanAlstine.Julie@epa.gov]; Akerman, Gregory [Akerman.Gregory@epa.gov]  
**CC:** Dunbar, Anwar [Dunbar.Anwar@epa.gov]  
**Subject:** RE: Glyphosate EDSP data review

It is going out in November Jess.

Charles "Billy" Smith  
Branch Chief RAB1  
Health Effects Division  
Office of Pesticide Programs  
703-305-0291

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**From:** Rowland, Jess  
**Sent:** Wednesday, July 02, 2014 9:10 PM  
**To:** VanAlstine, Julie; Akerman, Gregory  
**Cc:** Dunbar, Anwar; Smith, Charles  
**Subject:** Re: Glyphosate EDSP data review

Hi Julie  
Gly is not on our july schedule. When is your PRA due? We can schedule ours accordingly.  
JR

---

**From:** VanAlstine, Julie  
**Sent:** Wednesday, July 2, 2014 4:34:53 PM  
**To:** Rowland, Jess; Akerman, Gregory  
**Cc:** Dunbar, Anwar; Smith, Charles  
**Subject:** FW: Glyphosate EDSP data review

Hi Jess and Greg,

Carissa sent us an email about the EDSP review of glyphosate (below). From her email, it sounds like Jim Jones would like the glyphosate EDSP review to be included in the preliminary risk assessment. Do you know when the review will be completed so we can share the timeline with her?

Thanks,

Julie

---

Julie L. Van Alstine  
Risk Assessment Branch 1  
Health Effects Division  
Office of Pesticide Programs  
Email: [VanAlstine.Julie@epa.gov](mailto:VanAlstine.Julie@epa.gov)  
Phone: 703-603-8866



---

**From:** Cyran, Carissa  
**Sent:** Wednesday, July 02, 2014 4:27 PM  
**To:** VanAlstine, Julie  
**Subject:** Glyphosate EDSP data review

Hi Julie,

Do you know where the review for glyphosate EDSP data is? Neil mentioned that during the briefing for Jim Jones, Jim wanted the EDSP review to be included in the preliminary risk assessment. Neil thought the EDSP team was going to try to get glyphosate on the schedule for some time after July.

Thank you in advance for your help!

Carissa

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Carissa Cyran, Chemical Review Manager  
Office of Pesticide Programs  
U.S. EPA  
(703) 347- 8781

Message

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**From:** Nguyen, Khue [Nguyen.Khue@epa.gov]  
**Sent:** 6/4/2015 9:24:45 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** FW: Glyphosate--MRIDs for cancer studies

Jess,

I have hard copies of the glyphosate cancer studies—do you want me to drop them off at your office? I don't have any need of them.

Thanks,

Khue Nguyen  
Chemical Review Manager  
Risk Management and Implementation Branch 1  
Pesticide Re-evaluation Division  
Office of Pesticide Programs, EPA  
703-347-0248  
[Nguyen.khue@epa.gov](mailto:Nguyen.khue@epa.gov)

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**From:** Nguyen, Khue  
**Sent:** Thursday, June 04, 2015 5:21 PM  
**To:** Rowland, Jess; Smith, Charles; Perron, Monique  
**Cc:** Moriarty, Thomas; Anderson, Neil  
**Subject:** RE: Glyphosate--MRIDs for cancer studies

Hi,

FYI—Cheminova has reformatted the Atkinson cancer studies and submitted them through front end. The MRID assignments are as follows:

- 1) Atkinson, C., Martin, T., Hudson, P. & Robb, D. (1993a) Glyphosate: 104 week dietary carcinogenicity study in **mice**. Unpublished report No. 7793, IRI project No. 438618, dated 12 April 1991, from Inveresk Research International, Tranent, Scotland. Submitted to WHO by Cheminova A/S, Lemvig, Denmark. **MRID 49631702**
- 2) Atkinson, C., Martin, T., Hudson, P. & Robb, D. (1993b) Glyphosate: 104 week combined chronic feeding/oncogenicity study in **rats**. Unpublished report No. 78673, IRI project No. 438623, dated 7 April 1991, from Inveresk Research International, Tranent, Scotland. Submitted to WHO by Cheminova A/S, Lemvig, Denmark. **MRID 49631701**

Thanks!

Khue Nguyen  
Chemical Review Manager  
Risk Management and Implementation Branch 1  
Pesticide Re-evaluation Division  
Office of Pesticide Programs, EPA  
703-347-0248  
[Nguyen.khue@epa.gov](mailto:Nguyen.khue@epa.gov)

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**From:** Nguyen, Khue  
**Sent:** Friday, April 24, 2015 1:44 PM  
**To:** Rowland, Jess  
**Cc:** Moriarty, Thomas; Anderson, Neil  
**Subject:** RE: Glyphosate

Hi Jess,

I have beaned both of Cheminova's cancer studies in DP426959 (will drop off hard copy in HED today). The studies don't have MRIDs yet because Cheminova needs to reformat them before submitting through front end, but as soon as they are assigned MRIDs, I will modify the existing bean to include the studies. Let me know if you need anything else.

Thanks,

Khue Nguyen  
Chemical Review Manager  
Risk Management and Implementation Branch 1  
Pesticide Re-evaluation Division  
Office of Pesticide Programs, EPA  
703-347-0248  
[Nguyen.khue@epa.gov](mailto:Nguyen.khue@epa.gov)

---

**From:** Rowland, Jess  
**Sent:** Thursday, April 23, 2015 4:16 PM  
**To:** Nguyen, Khue  
**Subject:** RE: Glyphosate

Wow that was fast!  
Thanks so much  
Can you please send me a Bean for our review

Sent from my Windows Phone

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**From:** [Nguyen, Khue](#)  
**Sent:** 4/23/2015 9:46 AM  
**To:** [Rowland, Jess](#)  
**Cc:** [Goodis, Michael](#); [Keigwin, Richard](#)  
**Subject:** RE: Glyphosate

Hi Jess,

Please see attached for all 3 volumes of the study referenced below. Cheminova emailed this over this morning. They will send the other study you requested shortly.

Thanks,

Khue Nguyen  
Chemical Review Manager  
Risk Management and Implementation Branch 1  
Pesticide Re-evaluation Division  
Office of Pesticide Programs, EPA  
703-347-0248  
[Nguyen.khue@epa.gov](mailto:Nguyen.khue@epa.gov)

---

**From:** Rowland, Jess  
**Sent:** Wednesday, April 22, 2015 8:42 AM  
**To:** Nguyen, Khue  
**Cc:** Goodis, Michael; Keigwin, Richard  
**Subject:** Glyphosate  
**Importance:** High

Hi Khue

The study referenced below was reviewed by IARC and was critical in their conclusion. This study was submitted by Cheminova to the Glyphosate Task Force. So can you please get in touch with them and get this for us. We need to review this as part of the Glyphosate PRA

Thanks

Atkinson C, Martin T, Hudson, P and Robb D. (1993). Glyphosate: 104 week dietary carcinogenicity study in mice. Unpublished report 7793. IRI Project No. 438618. Dated April 12, 1992. From Inversk Research International, Tranent, Scotland. Submitted to WHO by Cheminova A/S. Lenvig, Denmark

Regards

JR  
Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719

Message

---

**From:** Dinkins, Darlene [Dinkins.Darlene@epa.gov]  
**Sent:** 4/1/2015 10:33:34 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]; Vogel, Dana [Vogel.Dana@epa.gov]  
**Subject:** RE: IARC

Thanks Jess. Bill Jordan said that he didn't request the meeting either.

*Darlene Dinkins*

Office of Pesticide Programs  
U.S. Environmental Protection Agency  
(703) 305-5214

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**From:** Rowland, Jess  
**Sent:** Wednesday, April 01, 2015 3:46 PM  
**To:** Dinkins, Darlene; Vogel, Dana  
**Subject:** RE: IARC

Darlene

It was not from me.

Dana is out today so it can't be from her

May be Bill Jordan?

Also I was wondering why David Dix was included since he was not involved in the IARC

Jess

Sent from my Windows Phone

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**From:** Dinkins, Darlene  
**Sent:** 4/1/2015 3:39 PM  
**To:** Rowland, Jess; Vogel, Dana  
**Subject:** IARC

Hi Dana and Jess,

I received a note in my chair asking me to schedule a meeting on IARC during the week of April 6<sup>th</sup> or the following week. The note said to invite Jack, David Dix, David Miller, Bill Jordan, Charles Smith, Dana, and Jess. Was that note from either of you? If so, I'm wondering if the meeting request below from ORD for a meeting with Jack and others from OPP to meet with Rusty Thomas and Matt Martin about IARC should be combined. I scheduled the meeting for April 9 at 4:00 pm.

*Darlene Dinkins*

Office of Pesticide Programs  
U.S. Environmental Protection Agency  
(703) 305-5214

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**From:** Hamm, Gisele  
**Sent:** Wednesday, April 01, 2015 11:04 AM  
**To:** Dinkins, Darlene  
**Subject:** RE: IARC

Hi Darlene,

Can you please let me know when you might want to have this meeting and I can check to see what the availability is for Rusty Thomas and Matt Martin to come to DC?

*Thank you,  
Gisele Hamm*

---

**From:** Thomas, Russell  
**Sent:** Wednesday, April 01, 2015 8:02 AM  
**To:** Hamm, Gisele  
**Subject:** Fwd: IARC

Gisele,

Can you work with Darlene to schedule a meeting between Matt and I, OPP, and Tina B? It will be in person up in DC.

Rusty

Sent from my iPhone

Begin forwarded message:

**From:** "Housenger, Jack" <[Housenger.Jack@epa.gov](mailto:Housenger.Jack@epa.gov)>  
**Date:** March 20, 2015 at 12:52:36 PM EDT  
**To:** "Bahadori, Tina" <[Bahadori.Tina@epa.gov](mailto:Bahadori.Tina@epa.gov)>  
**Cc:** "Thomas, Russell" <[Thomas.Russell@epa.gov](mailto:Thomas.Russell@epa.gov)>, "Kavlock, Robert" <[Kavlock.Robert@epa.gov](mailto:Kavlock.Robert@epa.gov)>, "Martin, Matt" <[Martin.Matt@epa.gov](mailto:Martin.Matt@epa.gov)>, "Dinkins, Darlene" <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>  
**Subject:** RE: IARC

that's great  
work through Darlene Dinkins who can work with me to make sure we get everyone who is needed  
appreciate the follow up

---

From: Bahadori, Tina  
Sent: Friday, March 20, 2015 12:36 PM  
To: Housenger, Jack  
Cc: Thomas, Russell; Kavlock, Robert; Martin, Matt  
Subject: IARC

Jack,  
I spoke to Rusty and Bob -- we will look to schedule something with you and your team and Matt Martin to debrief on the IARC process. The IARC glyphosate evaluation might prove informative for future assessments. Who from your side can help coordinate the schedules and

participation of relevant OPP colleagues?

Thanks,

Tina

Message

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**From:** Lobdell, Danelle [Lobdell.Danelle@epa.gov]  
**Sent:** 9/21/2015 4:26:31 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** RE: Glyphosate- Classification Narrative

Hi Jess,

I did misspell.... Should be missingness.

**Danelle T. Lobdell, Ph.D., M.S.**  
Epidemiologist  
National Health and Environmental Effects Research Laboratory  
Environmental Public Health Division  
**Mail:**  
USEPA  
MD 58A  
Research Triangle Park, NC 27711  
**Package Delivery:**  
USEPA Human Studies Facility  
104 Mason Farm Rd, Room 52  
Chapel Hill, NC 27514-4512  
**Phone:** 919-843-4434 **Fax:** 919-966-7584

---

**From:** Rowland, Jess  
**Sent:** Monday, September 21, 2015 12:24 PM  
**To:** OPP HED CARC; Lobdell, Danelle  
**Subject:** Glyphosate- Classification Narrative  
**Importance:** High

Hello CARCeers

Here is the narrative that will go into the CARC document.

## Ex. 5 Deliberative Process (DP)

Thanks  
JR  
Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719

## Deliberative Process / Ex. 5



# **Deliberative Process / Ex. 5**

Message

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**From:** Wood, Charles [Wood.Charles@epa.gov]  
**Sent:** 9/21/2015 2:38:44 AM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** Re: Glypho  
**Attachments:** wood lymphoma notes 9.20.15.docx; Glyphosate CARC DRAFT 9 9 15 JR\_cw2.docx

Hi Jess,

(1) Attachment 1 has my notes on the two lymphoma mouse studies.

(2) Attachment 2 has the original CARC draft with some minor edits.

I could not figure out how to access more recent CARC draft on SharePoint. If you or Jessica can send this to me I will review and return asap.

--Charles

---

**From:** Rowland, Jess  
**Sent:** Friday, September 18, 2015 5:52 PM  
**To:** Wood, Charles  
**Subject:** RE: Glypho

Thanks Charles.

Sent from my Windows Phone

---

**From:** Wood, Charles  
**Sent:** 9/18/2015 5:38 PM  
**To:** Rowland, Jess  
**Subject:** Re: Glypho

Hi Jess,

Sorry for late reply -- was out of office today. I will get something to you by late Sun.

--Charles

---

**From:** Rowland, Jess  
**Sent:** Friday, September 18, 2015 7:43 AM  
**To:** Wood, Charles  
**Subject:** Glypho

Hi Charles

Sorry to nag you but can you send me your write up for the hemangiosarcomas of the Cheminova/Atkinson (Study #3) and the viral infection study #11.

We need to get this report out Monday....due to the Papal visit and Teleworking

Thanks

JR  
Jess Rowland,

Deputy Director  
Health Effects Division  
703-308-2719

Message

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**From:** Robbins, Steve [Robbins.Steve@epa.gov]  
**Sent:** 3/18/2015 6:52:20 PM  
**To:** Knorr, Michele [knorr.michele@epa.gov]; Wakefield, Benjamin J. [wakefield.benjamin@epa.gov]  
**CC:** Rowland, Jess [Rowland.Jess@epa.gov]; May, Brenda [May.Brenda@epa.gov]  
**Subject:** FW: Glyphosate and 2,4-D Blowbacks  
**Attachments:** 2-4-D Blowbacks 3-17-2015.pdf; Glyphosate Blowbacks pages 3 and 4 3-17-2015.pdf

Michele and Ben,

I should have the last of the Glyphosate MRIDs for you tomorrow. Will anyone be over here (PY) for me to give the DVD to?

Thanks,  
Steve

---

**From:** Robbins, Steve  
**Sent:** Tuesday, March 17, 2015 10:19 AM  
**To:** Knorr, Michele; Rowland, Jess  
**Cc:** May, Brenda  
**Subject:** RE: Glyphosate and 2,4-D Blowbacks

Michele and Jess,

Attached please find the list that I am working off of. We delivered the studies for Glyphosate, PC code 103608, and pages 1 and 2 of PC code 417300. The attached Glyphosate, PC code 417300, pages 3 and 4 with the MRIDs to 00139177 have been delivered. MRIDs 00139167 and smaller we are still working on and need to deliver (should be tomorrow, if we can get around some computer issues). We are now working on Glyphosate so once we finish with Glyphosate we will start on the remaining 2,4-D MRIDs. The attached 2,4-D sheet shows the MRIDs that have already been delivered in brackets. The MRIDs without brackets still need to be pulled and delivered (this should be by end of this week or early next week). Hope this helps.

Steve

---

**From:** Knorr, Michele  
**Sent:** Tuesday, March 17, 2015 9:53 AM  
**To:** Robbins, Steve; Rowland, Jess  
**Cc:** May, Brenda  
**Subject:** Re:

Thanks everyone for these efforts. Do we have a list of all the documents you are working on? If so, we can use that in our index, while the rest are being prepared. We have more time to actually produce the documents, but we need to have the list of documents ready in April. Not sure if the list can be separated. Thanks

Michele Knorr  
Pesticides and Toxic Substances Law Office  
Office of General Counsel  
U.S. EPA  
202-564-5631

---

**From:** Robbins, Steve  
**Sent:** Monday, March 16, 2015 9:16 AM

**To:** Rowland, Jess  
**Cc:** Knorr, Michele; May, Brenda  
**Subject:** RE:

Jess,

As I mentioned last week, we are working on getting the rest of the studies over to OGC as soon as possible which I thought would be this week. We only have one microfiche machine, so for the remaining older 'blow-back' studies it is slow going. I will keep you all informed as we progress.

Steve

---

**From:** Rowland, Jess  
**Sent:** Monday, March 16, 2015 9:08 AM  
**To:** Robbins, Steve  
**Subject:**

Steve

Can you please give me an update on the glyphosate documents for ogc. Thanks

Sent from my Windows Phone

In Documentum

2,4-D

48772104	44016502	43879903	43356302	42015701	41388203
48772102	44016501	43879902	43356301	41991503	41388202
48772101	43963802	43879901	43356002	41991502	41233701
48279303	43963801	43879801	43327305	41991501	41209006
48279302	43947901	43870303	43327304	41928101	41209005
48260704	43943101	43870302	43327303	41896702	41209004
48260703	43893701	43870301	43327302	41896701	41125304
48260702	43886406	43853601	43327301	41870102	41125303
47972101	43886405	43809901	43293901	41870101	40881401
47417902	43886404	43797903	43292101	41797903	40881400
47417901	43886403	43797901	43292101	41797902	40629806
47398701	43886402	43785901	43290501	41797901	40629805
47106101	43886401	43779504	43289301	41747601	40629804
46859102	43879905	43779503	43160201	41737302	40629803
46293601	43879904	43779502	43115201	41735306	40629802
45692501		43779501	43049001	41735305	40629801
45672201		43755402	42968506	41735304	40061801
45665801		43755401	42968501	41735303	00097802
45647101		43747901	42865301	41735302	00101588
45512701		43736102	42780006	41735301	00130407
45462201		43736101	42780005	41735201	00130408
45245601		43718002	42780004	41707902	00131303
44967401		43718001	42780003	41527106	00131304
44577801		43709702	42780002	41527105	00142119
44424801		43709701	42780001	41527103	00142120
44284501		43697801	42749701	41527102	00150557
<del>44284501</del>		43693702	42615601	41527101	00157512
44268501		43693701	42605202	41498103	00157513
44211901		43691101	42605201	41498102	00157514
44190302		43686001	42579701	41498101	00157515
44190301		43676802	42423101	41478303	00157516
44135201		43676801	42304604	41478302	00157517

DOES NOT  
EXIST AS  
COPY

43986401 - NOT IN  
DOCUMENTUM

43665206	42304603	41478301	00163711
43665205	42304602	41470103	00163712
43665204	42304601	41420004	00163713
43665203	42261801	41409809	00163996
43665202	42224001	41409808	
43665201	42220301	41409807	
43612001	42158706	41409806	
43610802	42158705	41409805	
43610301	42158704	41409804	
43597201	42158703	41409803	
43592101	42158702	41409802	
43496101	42158701	41409801	
43439701	42021402	41407903	
43394201	42021401	41407901	
43378801	42015702	41388204	

in Documentum

417300

Glyphosate Blowbacks

Page 3

Save as PDF

2017

43746809	41762701	41260606	40841904	139178	108159	77844	59051
43746808	41762700	41260605	40841903	139177	108159	77237	57074
43845401	43746807	41742900	41260604	40841902	139167	108159	77236
43845400	43746806	41728700	41260600	40841901	139166	108158	77235
43806901	43746805	41723700	41228300	40841900	137903	108154	77234
43806900	43746804	41723600	41228200	40802802	137903	108153	77233
	43746800	41701707	41153005	40802801	137704	108151	77232
	43728005	41701706	41153004	40802800	137140	108151	77231
	43728004	41701705	41153000	40783101	137139	108147	77230
	43728003	41701704	41152504	40783100	137138	108147	77229
	43728000	41701703	41152501	40779101	137137	108137	77228
	43632704	41701702	41152500	40779100	132686	108123	72805
	43632703	41701700	41096100	40767102	132685	108122	72352
	43632702	41689301	41079101	40767101	132683	108121	72227
	43632700	41689300	41078705	40767100	132682	108120	72206
	43334708	41689100	41078700	40642401	132681	108119	72206
	43334707	41643800	41062107	40642400	132170	108118	72205
	43334705	41621501	41062106	40578003	130406	108117	70892
	43334702	41621500	41062105	40578002	130406	108116	68925
	43226801	41573501	41062104	40578001	128690	108115	67045
	43226800	41573500	41062103	40578000	123953	108108	67044
	43088700	41570600	41062102	40559401	123953	108101	67043
	42398401	41569204	41062100	40532004	119980	108100	67039
	42398401	41569203	41049401	40532003	119972	108099	67039
	42398400	41569202	41049400	40532002	119972	108098	67039
	42383200	41569201	41008307	40532001	119972	108097	64766
	42372500	41569200	41008306	40532000	119972	108096	63930
	42247801	41554902	41008305	40441700	114113	105995	63929
	42247800	41554902	41008304	40236900	111943	105954	63715
	41958800	41554901	41008303	40189301	108243	105164	62511
	41947006	41554900	41008302	40159401	108243	105158	62510
	41947005	41552800	41008300	40159400	108242	105047	62509
	41947004	41543200	40966907	40085601	108241	105046	62508
	41947003	41522700	40966906	40085600	108240	105045	62507
	41947002	41478101	40966905	40085501	108239	103375	62506
	41947001	41478100	40966904	40085500	108238	98460	62505
	41947000	41472002	40966903	40073101	108238	98377	61601
	41940701	41472001	40966902	40073100	108231	94971	61558
	41940700	41472000	40966900	164142	108200	93879	61554
	41925801	41400604	40881600	156793	108197	84122	61114
	41925800	41400603	40853907	155120	108193	83000	61113
	41886100	41400602	40853906	153480	108188	81674	61112
	41794500	41400601	40853905	153376	108185	81039	61111
	41762705	41400600	40853904	153374	108184	81038	61110
	41762704	41260609	40853903	150564	108184	79524	61109
	41762703	41260608	40853902	150564	108169	78620	61108
	41762702	41260607	40853900	141521	108168	78619	59052

40550	27235
40549	27028
40091	27019
40090	26489
40089	26488
40088	26482
39942	25406
39941	24504
39939	21655
39936	17702
39934	17521
39931	17427
39930	17146
39929	16971
39928	16963
39379	16961
39376	15758
39227	15627
39221	15623
39140	
38981	
38977	
38973	
38771	
36803	
36327	
36324	
36322	
36321	
36320	
36319	
36318	
36231	
36230	
36229	
36224	
36223	
36222	
32906	
32388	
30691	
30496	
30494	
28855	
28854	
28382	
27365	



Message

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**From:** Taveau, Daniella [Taveau.Daniella@epa.gov]  
**Sent:** 5/27/2015 5:06:47 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]; Jordan, William [Jordan.William@epa.gov]  
**CC:** Housenger, Jack [Housenger.Jack@epa.gov]  
**Subject:** RE: EPA comment on IARC

I am always dictating into my phone. I meant "were we";-)

Thank you so much for the overview.  
Daniella

---

**From:** Rowland, Jess  
**Sent:** Wednesday, May 27, 2015 1:01 PM  
**To:** Taveau, Daniella; Jordan, William  
**Cc:** Housenger, Jack  
**Subject:** RE: EPA comment on IARC

Hi Daniella

The IARC has 4 workgroups: 1) Exposure; 2) Epidemiological evidence; 3) Animal evidence and 4) Genotoxicity/toxicokinetics/mechanism etc  
Dr. Mat Martin, ORD, was a member of the workgroup 4 at the March IARC meeting. Each workgroup is responsible for reviewing the materials and drafting the report. Each workgroup then presents their findings in a report to the entire panel of 17 members. They adhere strictly to the principles and procedures of their PREAMBLE (you can get this from their site)

At the March 2015, I participated as a "Representative of USEPA " and in accordance with the Preamble, "representatives of national or international health agencies..... do not serve as meeting chair or subgroup chair, draft any part of a Monograph or participate in the evaluation" ( page 4; Preamble, 2006).

You ask "where we" ....I am not sure who the "we" are !!.

Hope this helps Sure, I will be happy discuss the details

Regards

Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719

---

**From:** Taveau, Daniella  
**Sent:** Wednesday, May 27, 2015 11:31 AM  
**To:** Jordan, William  
**Cc:** Housenger, Jack; Dix, David; Rowland, Jess  
**Subject:** Re: EPA comment on IARC

Thank you, Bill. Jess, is there anyone from the US government the place in active role in drafting this report? Where we consulted when this report was drafted? Many thanks in advance for your help.

Jess-- if it all possible, I would like to set up a discussion with you.

Daniella

Dictated into my iPhone, please excuse the typos.

On May 27, 2015, at 10:48 AM, Jordan, William <[Jordan.William@epa.gov](mailto:Jordan.William@epa.gov)> wrote:

Daniella --

I assume you are referring to the IARC report on glyphosate, which was drafted at the IARC meeting. There was an OPP/EPA "observer," Jess Rowland, at the IARC meeting. Jess had no role in the decision-making.

(Jess, please correct or add to this message as appropriate.)

Thanks,

Bill

William Jordan  
Deputy Director, Programs  
Office of Pesticide Programs  
U. S. Environmental Protection Agency

Phone: 703-305-1049

Fax: 703-308-4776

Mailing Address:

USEPA Headquarters

Clinton Building

1200 Pennsylvania Ave., NW

Mail Code (7501P)

Washington, DC 20460

Courier Address:

Potomac Yards South

2777 Crystal Drive

Room 12-235

Arlington, VA

---

**From:** Taveau, Daniella

**Sent:** Tuesday, May 26, 2015 3:08 PM

**To:** Jordan, William; Housenger, Jack; Dix, David

**Subject:** RE: EPA comment on IARC

Quick follow-up question: do we (EPA) have any representation at the WHO? Were we contacted when this report was drafted?

Daniella

---

**From:** Jordan, William

**Sent:** Wednesday, May 20, 2015 10:14 AM

**To:** Taveau, Daniella; Housenger, Jack; Dix, David

**Subject:** RE: EPA comment on IARC

Daniella --

You may tell Janet that OPP plans to address the IARC report in the Preliminary Risk Assessment document for glyphosate. We are aiming to release that in the summer of this year, probably before the end of July.

We are discussing internally what, if anything, to try to do when IARC considers 2, 4-D at the next meeting.

So we have nothing to report to Janet on that front.

Thanks,

Bill

William Jordan  
Deputy Director, Programs  
Office of Pesticide Programs  
U. S. Environmental Protection Agency

Phone: 703-305-1049  
Fax: 703-308-4776

Mailing Address:	Courier Address:
USEPA Headquarters	Potomac Yards South
Clinton Building	2777 Crystal Drive
1200 Pennsylvania Ave., NW	Room 12-235
Mail Code (7501P)	Arlington, VA
Washington, DC 20460	

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**From:** Taveau, Daniella  
**Sent:** Wednesday, May 20, 2015 9:57 AM  
**To:** Housenger, Jack; Jordan, William; Dix, David  
**Subject:** Fwd: EPA comment on IARC

Jack, Bill, David,  
See brief email from crop life. Are we planning to respond to this report?  
Daniella

Dictated into my iPhone, please excuse the typos.

Begin forwarded message:

**From:** Janet Collins <[jcollins@croplifeamerica.org](mailto:jcollins@croplifeamerica.org)>  
**Date:** May 18, 2015 at 10:59:41 AM EDT  
**To:** "Daniella Taveau - EPA ([Taveau.daniella@Epa.gov](mailto:Taveau.daniella@Epa.gov))" <[Taveau.daniella@Epa.gov](mailto:Taveau.daniella@Epa.gov)>  
**Subject:** EPA comment on IARC

Daniella- does EPA intend to post anything about the IARC process and outcomes from the glyphosate and work—and 2,4D to come?

Who should we discuss this with?

Janet

Message

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**From:** Housenger, Jack [Housenger.Jack@epa.gov]  
**Sent:** 3/18/2015 4:08:18 PM  
**To:** Rowland, Jess [Rowland.Jess@epa.gov]  
**Subject:** RE: glyphosate

Yes

Thanks

We will have a meeting with Tina and ORD soon to discuss the upcoming ones

And Matt will be there

Crazy process

---

**From:** Rowland, Jess  
**Sent:** Wednesday, March 18, 2015 10:41 AM  
**To:** Housenger, Jack  
**Subject:** glyphosate

Hi

How did the briefing with JJ?

Was my write-up sufficient

JR

Jess Rowland,  
Deputy Director  
Health Effects Division  
703-308-2719